

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Cascalho *et al.*

Serial No.: 10/591,212

Group No.: 1644

Filed: 07/03/07

Examiner: Wen

Entitled:

METHODS FOR ALTERING T CELL DIVERSITY

**DECLARATION OF JEFFREY L. PLATT, MD
UNDER 37 C.F.R. § 1.132**

EFS WEB FILED

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Examiner Wen:

I, Jeffrey L. Platt, hereby declare and state, under penalty of perjury, that:

1. I am one of the inventors of the above-named patent application. The other inventor on this application is Marilia Cascalho.

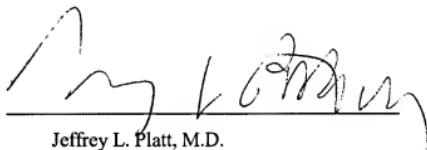
2. I have read and understand the specification and claims of the above-named patent application.

3. I am listed as a co-author, along with five other authors (including Marilia Cascalho), on the following publication: Ogle et al., "Direct Measurement of Lymphocyte Receptor Diversity," *Nucleic Acids Research*, November 2003, vol. 31, No. 22 e139.

4. I confirm that, with respect to the reference listed in paragraph 3, only Marilia Cascalho and I are the only listed authors who conceptually contributed to the inventive process relating to the use of a population of random or diverse nucleic acid molecules to measure diversity in T cell populations.

5. I further declare that all statements made herein are of my own knowledge, are true, and that all statements are made on information and belief that are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application of any patent issued thereon.

Dated: 3/17/16


Jeffrey L. Platt, M.D.